Antonella Antonelli

List of Publications by Year
in descending order

28	949	430874 18	501196 28
papers	citations	h-index	g-index

28	28	28	1455
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SPIO nanoparticles and magnetic erythrocytes as contrast agents for biomedical and diagnostic applications. Journal of Magnetism and Magnetic Materials, 2022, 541, 168520.	2.3	14
2	Human Red Blood Cells Modulate Cytokine Expression in Monocytes/Macrophages Under Anoxic Conditions. Frontiers in Physiology, 2021, 12, 632682.	2.8	6
3	Antiviral Properties of Flavonoids and Delivery Strategies. Nutrients, 2020, 12, 2534.	4.1	98
4	Development of long circulating magnetic particle imaging tracers: use of novel magnetic nanoparticles and entrapment into human erythrocytes. Nanomedicine, 2020, 15, 739-753.	3.3	26
5	Magnetic Manipulation of Blood Conductivity with Superparamagnetic Iron Oxide-Loaded Erythrocytes. ACS Applied Materials & Interfaces, 2019, 11, 11194-11201.	8.0	7
6	Ferucarbotran-loaded red blood cells as long circulating MRI contrast agents: first in vivo results in mice. Nanomedicine, 2018, 13, 675-687.	3.3	21
7	Interactions of Nitroxide-Conjugated and Non-Conjugated Glycodendrimers with Normal and Cancer Cells and Biocompatibility Studies. Bioconjugate Chemistry, 2017, 28, 524-538.	3.6	19
8	Intravascular contrast agents in diagnostic applications: Use of red blood cells to improve the lifespan and efficacy of blood pool contrast agents. Nano Research, 2017, 10, 731-766.	10.4	13
9	Engineering erythrocytes for the modulation of drugs' and contrasting agents' pharmacokinetics and biodistribution. Advanced Drug Delivery Reviews, 2016, 106, 73-87.	13.7	49
10	Characterization of ferucarbotran-loaded RBCs as long circulating magnetic contrast agents. Nanomedicine, 2016, 11, 2781-2795.	3.3	12
11	Programmable 3D silk bone marrow niche for platelet generation ex vivo and modeling of megakaryopoiesis pathologies. Blood, 2015, 125, 2254-2264.	1.4	140
12	Macrophage Depletion by Free Bisphosphonates and Zoledronate-Loaded Red Blood Cells. PLoS ONE, 2014, 9, e101260.	2.5	46
13	Red Blood Cells as Carriers of Iron Oxide-Based Contrast Agents for Diagnostic Applications. Journal of Biomedical Nanotechnology, 2014, 10, 1732-1750.	1.1	30
14	USPIOâ€loaded red blood cells as a biomimetic MR contrast agent: a relaxometric study. Contrast Media and Molecular Imaging, 2014, 9, 229-236.	0.8	18
15	Red blood cells as carriers in magnetic particle imaging. Biomedizinische Technik, 2013, 58, 517-25.	0.8	24
16	New Strategies to Prolong the In Vivo Life Span of Iron-Based Contrast Agents for MRI. PLoS ONE, 2013, 8, e78542.	2.5	29
17	Dexamethasone restrains ongoing expression of interleukin-23p19 in peripheral blood-derived human macrophages. BMC Pharmacology, 2011, 11, 8.	0.4	9
18	Encapsulation of superparamagnetic nanoparticles into red blood cells as new carriers of MRI contrast agents. Nanomedicine, 2011, 6, 211-223.	3.3	76

#	Article	IF	Citations
19	Effect of the redox state on HIV-1 tat protein multimerization and cell internalization and trafficking. Molecular and Cellular Biochemistry, 2010, 345, 105-118.	3.1	15
20	New Biomimetic Constructs for Improved In Vivo Circulation of Superparamagnetic Nanoparticles. Journal of Nanoscience and Nanotechnology, 2008, 8, 2270-2278.	0.9	47
21	Erythrocyte-based drug delivery. Expert Opinion on Drug Delivery, 2005, 2, 311-322.	5.0	106
22	Macrophage depletion induced by clodronate-loaded erythrocytes. Journal of Drug Targeting, 2005, 13, 99-111.	4.4	22
23	Modulation of ICAM-1 Expression in ECV304 Cells by Macrophage-Released Cytokines. Blood Cells, Molecules, and Diseases, 2001, 27, 978-991.	1.4	32
24	Programmed cell death in 2',3'-dideoxycytidine-resistant human monoblastoid U937 cells. The Histochemical Journal, 2000, 32, 115-122.	0.6	2
25	Selective Inhibition of NF-kB Activation and TNF-Î± Production in Macrophages by Red Blood Cell-Mediated Delivery of Dexamethasone. Blood Cells, Molecules, and Diseases, 2000, 26, 211-222.	1.4	63
26	Efficient inhibition of macrophage TNF-Î± production upon targeted delivery of K48R ubiquitin. British Journal of Haematology, 1999, 104, 475-481.	2.5	20
27	Increased microbicidal activity of human monoblastoid cells upon long-term exposure to dideoxycytidine. Life Sciences, 1997, 60, 519-528.	4.3	2
28	Targeting dexamethasone to macrophages. Drug Delivery, 1995, 2, 151-155.	5.7	3